



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
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सं० 51] नई दिल्ली, शनिवार, दिसम्बर 17, 1966 (अग्रहायण 26, 1888)  
No. 51] NEW DELHI, SATURDAY, DECEMBER 17, 1966 (AGRAHAYANA 26, 1888)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2 PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE Patents and Designs

Calcutta, the 17th December 1966  
CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 11th June 1966.

In Page 222, Column 2, under the heading "Application Accepted",

for No. 86860.

read No. 96860.

(2)

In the Gazette of India, Part III, Section 2, dated 22nd October 1966.

In page 391, column 1, under the heading "Application Accepted"

for No. 95795

read No. 97597.

(3)

In the Gazette of India, Part III, Section 2, dated 26th November 1966.

In page 431, column 2, under the heading "Application Accepted,"

Deleted No. "98784 A. Kogan . . . to the horizontal."

#### Application for Patents

The dates shown in crescent bracket are the dates claimed under Section 78A of the Act.

26th November 1966

- 108161. V. B. Desai. An electrical apparatus for preparing beverages, such as, tea coffee or coco.
- 108162. Flora Electrical Industries. Electrical fuse box.
- 108163. B. P. Kathel. The Mining Industry, the title of the instrument is 'Deviation and Direction recorder'.
- 108164. R. D. Floirendo. Four-wheeled motorcycle-driven vehicle.
- 108165. M. R. Isaac. Controlled variable sensitivity snap action switch.
- 108166. The British Petroleum Company Limited. Synthetic Lubricants. (17th December 1965).
- 108167. Cable Covers Limited. Improvements in or relating to wire or cable joints. (21st July 1966).
- 108168. Cable Covers Limited. Improvements in or relating to swaging dies. (21st July 1966).

- 108169. Cable Covers Limited. Improvements in or relating to swaging dies. (19th July 1966).
- 108170. Cable Covers Limited. Improvements in or relating to wire or cable joints. (19th July 1966).
- 108171. B. P. Kathel. The measurement of deviation and direction of a bore hole.
- 108172. B. P. Kathel. The Mining Industry. The title of the invention is 'Direction and Deviation Marker'.
- 108173. B. P. Kathel. The Mining Industry, the title of the instrument is 'Projection Meter'.
- 108174. Glaverbel. Process and apparatus for the thermal isolation between a melting compartment and a conditioning compartment in a glass furnace.
- 108175. FMC Corporation. Fractional carbonization of coal.
- 108176. Jervis B. Webb Company. Side link and pusher for conveyor chain.
- 108177. Accumulatorenfabrik Sonnenschein G.m.b.H. A process for preventing deposit of colloiddally dissolved silver or of silver oxide onto the separator of galvanic primary or secondary electrodes of an accumulator.
- 108178. Progress Aktiengesellschaft fur Verfahrenstechnik. Process for the preparation of ultra-soluble produces. (8th June 1966).
- 108179. Free India Dry Accumulators Limited. Battery separators.  
29th November 1966
- 108180. N. C. Das Gupta. Improvement in or relating to kindling of furnaces and the design thereof.
- 108181. A. K. Bosc. Self-priming lift pump for use with clean water.
- 108182. W. Odendahl. Improvements in or relating to throttling device.
- 108183. Gebr. Bohler & Co. Aktiengesellschaft. Improvements in or relating to processes of making steels having improved maclining properties.
- 108184. B. V. K. Murthy. Gas gauge.
- 108185. The English Electric Company Limited. Improvements in railway locomotives. (18th February 1966).
- 108186. American Home Products Corporation. Indole derivatives.
- 108187. Standard Oil Company. Catalyst and process using same.
- 108188. Smith Kline & French Laboratories. Improvements in or relating to anthelmintic compositions.

108189. Scovill Manufacturing Company. Dual tire pressure system.
108190. American Cyanamid Company. Fire-resistant polymer. (17th February 1966).
108191. General Electric Company. Improvements in or relating to Yttrium orthovanadate phosphor.
108192. Ljuberetsky Ordena Lenina i Ordena Trudovogo Krasnogo Znameni Zavod Selskokhozyaistvennogo Mashinostroenia Imeni Ukhomskogo. Cane Harvester.
108193. Ljuberetsky ordena Lenina i ordena Trudovogo Krasnogo Znameni zavod selskokhozyaistvennogo mashinostroenia imeni Ukhomskogo. Cane Stem Chopper.
108194. Vagonostroitelny zavod imeni gazety 'PRAVDA' Dneprodzershinsk. Mechanism for opening and closing covers of side discharge hatches of Railway Hopper Wagons for Bulk Cargo.
108195. Nal Wikdahl. A method of transforming nuclear energy into mechanical energy and apparatus for executing said method.
108196. Societe D'etudes Scientifiques at Industrielles De L'ile-De-France. A process for the preparation of 5-halobenzoic acid ester, derivatives.
108197. Societe D'etudes Scientifiques Et Industrielles De L'ile-De-France. A process for the preparation of alkyl, 4-halophenylether derivatives.
108198. Societe D'etudes Scientifiques Et Industrielles De L'ile-De-France. A process for the preparation of 3-nitro 4-halophenol derivatives.
108199. Societe D'electro-chimie, D'electrometallurgie Et Des Acieries Electriques D'ugine. Improvements in or relating to the preparation of acrylamide. (12th July 1966).
108200. Samuel Vincent Cravens. Counterrotating disk cohesive material disintegrator, disintegration method and product.
108201. Weston Instruments, Inc. Compact electrical indicating instrument.
108202. The Ensign-Bickford Company. Method for manufacturing explosive devices.
108203. Cashew Co., Ltd. Fruit Astringent skin peeling machine.
108204. The Anil Starch Products Limited. Manufacturing of dry corn syrup.
108205. The Pyrene Company Limited. Improvements relating to the treatment of metals. (3rd December 1965).
108206. The Pyrene Company Limited. Improvements relating to the treatment of metal surfaces. (16th December 1965).
108207. Madan Ag., of Chur. Processes for preparing n-hydroxyamides of substituted paraalkyloxyarylacetic acids, salts thereof and corresponding amides.
- 30th November 1966
108208. Council of Scientific and Industrial Research. Combined break-back cum-lifting arrangement for reciprocating type agricultural mowers and other agricultural implements.
108209. Council of Scientific and Industrial Research. Grip-bars for concrete reinforcement.
108210. D. G. Godbole. A self acting shutters for use on streams and tanks.
108211. Franz Plasser Bahnbaumaschinen. Track tamping machine.
108212. Rodio Foundation Engineering Ltd. and Hazarat & Co. Construction of heavy radio type piles using elements of diaphragm. Process of construction of pile as per specification and specimen attached.
108213. Radio Foundation Engineering Ltd. and Hazarat & Co. Vibration reduction by radio bentonite technique to reduce vibration effect during driving of piles or other construction work by use of Clay-slurry trench around periphery of the plot. The technique of application of this method as per provisional specification attached.
108214. Westinghouse Electric Corporation. Procelain casing bead construction.
108215. Itek Corporation. Data storage system.
108216. Dr. Karl Thomae G.m.b.H. 2-amino-halogenobenzylamines. (6th June 1966).
108217. Parke, Davis & Company. New Sulfur-Containing Anilide Compounds and Methods for their production.
108218. Imperial Chemical Industries Limited. Improved oriented films. (8th December 1965).
108219. American Home Products Corporation. Microbiological resolution of steroids.
108220. C. H. Desai, and J. K. Shah. Process to manufacture high stretchable Bulky cotton yarns with high degree of recovery and fabrics woven or knitted therefrom.
108221. Phillips Petroleum Company. Method and apparatus for the production of black carbon.
108222. General Electric Company. Method of forming serrated or corrugated hollow tubes.
108223. Spetsialnoe Konstruktorskoe Biuro 'Uralohemetavtomatika' Sverdlovsk, Per. Avtomatiki. Logarithmic frequency converter.
108224. Spetsialnoe Konstruktorskoe Biuro "Uralohemetavtomatika" of Sverdlovsk, per Avtomatiki. Hydraulic press plunger travel speed converting device.
108225. Ministerul Industriel Chimice, Bucharest, Str. Scaune. Acid anthraquinone dye-stuffs and process for obtaining the same.
108226. Knorr Bremes GmbH. Pressure regulator for vacuum rail vehicle brakes.
108227. The Ahmedabad Manufacturing and Calico Printing Company, Ltd. Woven Effects by different chemical methods for fabrics made out of synthetic or semi-synthetic fibres.
108228. Everest Appliances Private Limited. Garment drying apparatus.
108229. The Metal Box Company Limited. Improvements in or relating to sheet metal containers. (21st July 1966).
108230. Sandoz Ltd. Azo dyes of low solubility in water their production and use.
108231. F. Hoffmann-La Roche & Co. Aktiengesellschafts. Process for the manufacture of benzodiazepine derivatives.
108232. C. F. Boehringer & Soehne GmbH. Process for the preparation of 1-(5-Nitro-2-Furyl)-2-(2-Amino-6-Pyridyl)-Ethylene and of Derivatives Thereof. (21st September 1966).
108233. Edwin Meniffee Scott. Detonatable compositions.
108234. Cashew Co., Ltd. Fruit Skin Removing Machine.
108235. Firth Cleveland Fastenings Limited. Means for connecting a rotatable member to a shaft. (1st December 1965). [Addition to no-94921].
108236. Petrol Injection Limited and Harold Ernest Jackson. Fuel injection systems. (24th December 1965).
108237. Societe D'electro-Chimie, D'electrometallurgie Et Des Acieries Electriques D'ugine. Purification of dichlorotetrafluorothane. (12th August 1966).
108238. Tokyo Kotasu Industries, Inc. Process for producing granular compound fertilizer.
108239. Matsushita Electronics Corporation. A microwave oscillating semiconductor device.
108240. Nestle's Products Limited. Tea Extract.
108241. (1) Debashis Ray, (2) Partha Deb Pal, (3) Syama Prasad Mukherji, (4) Vaidya Nath Paul, (5) Amitabha Nag, (6) Kanad Purakayastha. Automatic Cigarette Dispenser.
- 1st December 1966.
108242. S. W. Hussain. Electro-Accounting Machine.
108243. K. Dass. Radium-Pen & Pencil.
108244. R. Venktraju. Area measuring instrument.
108245. D. K. Dhand. A gravity neutraliser for ecstasy.
108246. M. Roy. Improved closure means for bottles and the like containers.
108247. Marvin Faeges. Liquid acetylsalicylic acid.
108248. James L. Highsmith and Company. Control system for textile roving frame.
108249. Ministerul Industriei Chimice. Process for the separation of components from mixtures by rectifying in columns with high efficiency packings.
108250. Delco Industries Corporation. Chandolier.
108251. James Mackie & Sons Limited. Improvements in and relating to Textile Machines. (2nd December 1965).
108252. Triplex Safety Glass Company Limited. Improvements in or relating to a method and apparatus for bonding glass in sheet form. (2nd December 1965).

108253. Matsushita Electronics Corporation. A solid state microwave oscillating device.
108254. Anthony Frederick Merriam V. R. Will-shire and D. R. Inglis. Shoe tree. (2nd December 1965).
108255. The British Steel Piling Company Limited. Improvements in or relating to traction devices. (2nd December 1965).
108256. Farbenfabriken Bayer Aktiengesellschaft. Elastic and thermoplastic copolymer mixtures. (22nd September 1966).
108257. Hellmut Muller. Drilling machine in the manner of a radial drilling machine.
108258. Veb Starkstrom-Anlagenbau Erfurt. Relay panel.
108259. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing electric discharge tubes provided with a non-evaporating getter, electric discharge tubes obtained by these methods and getters use in such electric discharge tubes.
108260. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to novel phenoxypyrilamines.
108261. Monsanto Chemicals Limited. Silicate ester compositions. (7th December 1965).
108262. Eaton Axles Limited. An improved axle mechanism.
108263. Dunlop Rubber Company Limited. Securing means. (5th January 1966).
108264. Joseph Lucas (Industries) Limited. Machine for use in metal cutting and forming operations. (6th December 1965).
108265. Svenska Rotor Maskiner Aktiebolag. Rotary internal combustion engine. (6th December 1965).
108266. The English Electric Company Limited. Improvements in fuse links. (7th December 1965).
108267. The English Electric Company Limited. Improvements in fuse links. (7th December 1965).
108268. Rhone-Poulenc S. A. Process for the preparation of medicaments.
108269. Aerpat A. G. Blind hole anchor nut fastener device. (30th November 1965).
- 2nd December 1966
108270. Council of Scientific and Industrial Research. Recovery of anhydrous sodium sulphate by flotation process.
108271. Siemens Engineering & Manufacturing Company of India Limited. Improvements in or relating to electrical switch gears.
108272. Shreno Limited. Improvements in or relating to ball valves for controlling flow of liquids, slurries and the like.
108273. Birfield Engineering Limited. Improvements in or relating of spraying equipment. (4th December 1965).
108274. Eduard Kusters Maschinenfabrik. Device for the open-width processing of textile webs with lique.
108275. Carlos Salvador Fernandez Diez De Sollano and Carlos Diez De Sollano Y Ortega. Process and apparatus for meal production.
108276. F. Hoffmann-La Roche & Co. Phenethyl amines and process for the manufacture thereof. (21st December 1965).
108277. The Plessey Company Limited. Improvements in or relating to circular seals. [Divisional date 3rd June 1965].
108278. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements including A Dc-Ac converter with at least one controlled rectifier.
108279. Dunlop Rubber Company Limited. Apparatus for the manufacture of hollow plastic articles. (15th December 1965).
108280. Dunlop Rubber Company Limited. Method and apparatus for the alignment of parts of articles. (15th December 1965).
108281. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of plastic articles. (15th December 1965).
108282. Dunlop Rubber Company Limited. Improvements in or relating to methods and apparatus for the manufacture of hollow plastic articles. (15th December 1965).
108283. Simonacco Limited. Improvements in or relating to apparatus for discharging filter cake in continuous filters of the disc or drum type. (14th December 1965).
108284. The Natural Rubber Producers' Research Association. Improvements in or relating to coagulation of latex. (31st December 1965).

## Alteration of Date

96153. Post dated to 21st August 1965 under Section 5 of the Act.
97940. The claim to priority date 20th February 1964 has been abandoned and the application dated as of 15th February 1965 the date of filing in India.
98196. The claim to priority date 2nd May 1964 has been abandoned and the application dated as of 1st March 1965 the date of filing in India.
99703. The claim to priority date 20th November 1964 has been dis-allowed and the application dated as of 25th May 1965 the date of filing in India.
100351. The claim to priority date 1st July 1964 has been cancelled and the application dated as of 30th June 1965 the date of filing in India.

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1922, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India, Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

96153. Oldham & Son (India) Ltd. A signalling lamp. Accepted on 26th November 1966.  
*Characterised by the each of these screens is held by a clamp which in turn is slidably engaged by a slot in the two opposite side walls of the lamp body.*
97627. Paramount Industries. A holder for a cutting tool. Accepted on 27th October 1966.  
*Having a guide channel and mounting means.*
97828. The Lubrizol Corporation. Nitrogen-containing compositions. Accepted on 9th November 1966.  
*A hydrocarbon substituted succinic acid producing compound having about 50 aliphatic carbon atom in the hydrocarbon substituent is reacted with at least about 0.5 equivalent of an alkylene amine and at least about 0.1 equivalent of an alienyl cyanide.*
97830. The Babcock & Wilcox Company. Process of manufacturing refractory fibres. Accepted on 9th November 1966.  
*Comprises concentrating an aqueous solution consisting of a water soluble inorganic metal salt and water. continuously fiberizing a moving stream of the viscous solution while at a solids concentration equivalent to less than 50% by weight of the metal oxides into fibres and heating fibers at 800°-2500°F until the solvent is eliminated the salt residue decomposed to a crystalline metallic oxide, and density of fibers increased.*
97867. Landini S. p. a. Tractor hydraulic power lift mechanism. (11th February 1964). Accepted on 14th November 1966.  
*Comprising control valve means, automatic control means, a shaft, a first actuating member second actuating mean.*
97940. Imperial Chemical Industries Limited. Modified polyester fibres. Accepted on 15th November 1966.  
*Wherein a high molecular weight linear polyester or copolyester in molten form is forced through a orifice to form a filament wherein there is applied a liquid capable of modifying the properties of the polyester to copolyester.*
97969. Rexall Drug and Chemical Company. Novel peroxide compositions and process for preparing the same. Accepted on 16th November 1966.  
*Comprises of benzoyl peroxide recrystallised with at least one additional peroxide which has ten hour half life.*
97974. J. Singh. Diameter Gauge. Accepted on 16th November 1966.  
*Wherein the vee-gauge of has angular pads covering an angle of 38°-56°-32-0 7272" or 60° terminating into a recess.*

97976. Grunzweig & Hartmann Aktiengesellschaft. Synthetic resin foam material and process for its manufacture. Accepted on 17th November, 1966.

*Comprising a thermoplastic synthetic resin and anhydrous fertilisers or active substances, wherein a mixture comprising synthetic resin material, expanding agent and fertilisers or other active substances is continuously extruded and the synthetic resin material thereby formed.*

98030. Gattys Technique S. A. Method and apparatus for bulk discharge of materials. Accepted on 20th November 1966.

*Apparatus for bulk discharge of materials comprising a container with tapering discharge and plurality of gas inlets disposed around the container in a substantially helical manner to direct stream of gas in interior.*

98045. M. N. Lole. Improvements in or relating to charge regulators for centrifugal separators. Accepted on 22nd November 1966.

*Thickness of the massecuite well in the centrifugal basket is utilised to control the opening of the gate for admission of the massecuite in the basket.*

98055. Fosindus Company. Process for the purification of residual gypsum arising in the manufacture of phosphoric acid by sulphuric reaction on natural phosphates. Accepted on 22nd November 1966.

*Characterised in that the reactor is fed with gypsum and the aqueous mineral acid required to form it into pulp and the mixture is agitated in reactor whilst maintaining a concentration of mineral acid between 0.5% and 60% by weight so as to crystallise the gypsum.*

98067. Allied Chemical Corporation. Method of preparing urea. Accepted on 22nd November 1966.

*Ammonia and carbon dioxide are introduced into a urea synthesis zone maintained at elevated temperature and pressure to provide a conversion of ammonium carbonate to urea of from 40 to 90% and whereby a product stream containing urea, water vapour and ammonium carbonate is produced.*

98093. Technoimpex Magyar Gepipari Kulkereskedelmi Vallalat. Revolver Drilling head. Accepted on 23rd November 1966.

*Comprising drilling spindle mounted in a shield which can be swivelled about an axis friction discs of the spindles being driven by a friction plate.*

98100. Simon-Carves Limited. Improvements in or relating to aeration. (7th March 1964). Accepted on 24th November 1966.

*Liamid aeration apparatus comprising, a container an aerator member mounted in the container and a fixed weir means for varying the level of the liamid in the container.*

98124. Muanyagipari Kutato Intezet. Plastic valve and process for preparing same. Accepted on 23rd November 1966.

*Comprising a hand wheel, a valve spindle a closing part on the spindle and a plastic valve case shaped around the spindle.*

98135. Dr.—Ing. Heinz Mahlo. Apparatus for contactless measurement of high moisture contents in webs of material. (31st December 1964). Accepted on 25th November 1966.

*Comprising a microwave energy emitter means to receive and measure the part of energy reflected by the web and means to absorb any energy which passes through the web.*

98143. Council of Scientific and Industrial Research. A device for the measurement of displacement between the points. Accepted on 26th November 1966.

*Comprising a piston and a fixed surface.*

98144. Council of Scientific and Industrial Research. Suspension type convergence indicator. Accepted on 25th November 1966.

*Comprising a piston having a connecting rod and a bottom hook, a tubular part housing the piston said tubular part having a bracket and top hook and a spring within its annular space, the said tubular part being provided with an inner fixed projecting surface.*

98145. Council of Scientific and Industrial Research. Improved type convergence recorder. Accepted on 25th November 1966.

*Comprising a tube within which a sliding part slides, the sliding part being provided at its face with a string pulley system one end of the string being attached to the tube and the other end to a piston to which a pen is attached.*

98154. Council of Scientific and Industrial Research. A load cell. Accepted on 29th November 1966.

*Comprising a cylindrical cell with a top and bottom cover plates, a lever having a arm is pivoted on a support arm upper reflecting surface and a lower reflecting surface having two points.*

98157. Council of Scientific and Industrial Research. Improvements in or relating to a matrix electrode for use in alkaline cells. Accepted on 25th November 1966

*An alkaline cell comprising a matrix electrode whereby the necessity of carbon rods for current collection is avoided.*

98158. Council of Scientific and Industrial Research. Improvements in or relating to alkaline manganese dioxide wet cells. Accepted on 25th November 1966.

*Consisting of an alkaline solution as electrolyte, and a cathode block containing  $MnO_2$  as depolarises prepared with the matrix claimed in patent application No. 98157 with a zinc anode.*

98184. Sheel Internationale Research Maatschappij N. V. A grease. Accepted on 24th November 1966.

*Comprising a nitrogen component comprising an oleophilic imidazoline and/or an oleophilic aminoamide formed between a fatty acid and a polyethylene polyamine, an oleophilic clay powder; a polyethylene glycol and a lubricating oil.*

98196. The Sanitas Company Limited. Sewage treatment system. Accepted on 1st December, 1966.

*A solution of caustic alkali in water is established and is delivered to the inlets and the resultant solution plus sewage is received into the system the breaking down of cellulose matter in the sewage being accelerated by passing the solution plus sewage through a comminutor.*

98206. Council of Scientific and Industrial Research. A process for the corrosion inhibition of aluminium working as electrodes. Accepted on 29th November 1966.

*Corrosion inhibition of aluminium working as electrodes consisting in using ammonium, pyridinium or quinoxalene with alkyl or aryl substitutions or dipping amalgamated electrode in inhibitor and drying before use.*

98256. Jervis B. Webb Company. Overhead tow conveyor. Accepted on 2nd December 1966.

*Each pusher has a pair of side members and a pusher member, box structure on which the side members and pusher member are mounted an operating in at least one side member a retainer and means for moving said retainer.*

98291. R. J. Pandiarajan. Quick grip vice. Accepted on 25th November 1966.

*Metal base with machined channel along its axis, moving jaw holder moving inside the said channel, a fixed jaw-holder with sevens, two jaws fixed to the said fixed and moving holders, a toggle mechanism, a rotating jaw holder, special operating handle, a screw rod, two lock nuts and guide hole and bolt holes.*

98304. Standard Telephones and Cables Limited. Improvements in or relating to semiconductor devices. (6th March 1964). Accepted on 29th November 1966.

*Wafer having large area contacts of a graded metallic film consisting of soft solderable metal and metal adherent to an insulating layer.*

98343. Pittsburgh Plate Glass Company. Process for tempering glass sheets. Accepted on 29th November 1966.

*Comprises cooling the major surfaces of each successive sheet at respectively different rates so that the temperature of one surface of each sheet falls from the top to the bottom of tempering range than the temperature of the other surface falls and so that glass after cooling to room temperature has a curvature different from that possessed by it above the tempering temperature range.*

98365. Administrator Trust. Quick-locking extension device for gripping annular objects. Accepted on 25th November 1966.  
*Comprising a fixed body consisting of cubular spindle and a pair of hollow member secured to the spindle and inter connected with each other by transverse bracing members coaxial means and locking means for the coaxial means.*
98379. U. D. Engineering Company Limited. Improvements in and relating to apparatus for detecting the presence of foreign bodies in transparent containers. (10th March 1964). Accepted on 25th November 1966.  
*Detecting foreign bodies in transparent containers comprising putting light sensitive cells disposed beneath the containers travelling path a light source and foreign bodies will reduce light intensity so that cell will initiate a single.*
98394. M&T Chemicals Inc. Novel solution suitable for use in protecting a cathode against undesirable reactions during electroplating. Accepted on 29th November 1966.  
*Comprising an inert organic solvent chlorinated naphthalene wax and microcrystalline wax, the solution containing at least about 5 parts by weight of wax per 100 parts by weight of inert organic solvent.*
98405. Braunschweigische Maschinenbauanstalt. Diffusion system for extracting comminuted vegetable materials, particularly comminuted sugar cane. Accepted on 22nd November 1966.  
*The material to be extracted being mixed with circulating juice passes through a down pipe to a pump, particularly a rotary pump, which is so constructed that by prolonging the retention time, the mixture in the pump is mashed the mixture passes by the same pump to diffusion tower.*
98415. Indicator Manufacturing Co. Indicator wheels for textile meters. Accepted on 25th November 1966.  
*Comprises two circular covers having upturned flanges accommodating therein a set of two springs, two hooks and a metallic plate.*
98420. G. S. Pragasam. Improvements in and relating to frame members for louvre windows. Accepted on 2nd December 1966.  
*Weather heads or ribs out provided on the channel section element and on the slot holder.*
98466. Phillips Petroleum Company. Process for polymerizing butadiene and a catalyst therefor. Accepted on 26th November 1966.  
*In presence of catalyst formed on mixing  $R\text{LiX}$ ,  $R_n\text{Alm}$  and  $\text{TiX}_4$ ; R being aliphatic cycloaliphatic or aromatic hydrocarbon radical with 1—20 C-atoms; X is integer 1—4, m and n are integers each at least 1 and sum is 3—X is halogen.*
98480. Universal Oil Products Company. Apparatus for chromatographic analysis. Accepted on 23rd November 1966.  
*Comprising a separating column, means for passing a stream of carrier gas, means for introducing a sample of said mixture into carrier gas measuring and reference cells, conduit means, delay line means and means connecting cells in an opposing manner and adapted to produce a net output signal responsive to the difference between cell signals.*
98555. B. S. Epat. Improvements in or relating to a conversion device for a two-speed or dual motor starter. Accepted on 25th November 1966.  
*Comprising two converters connected to the transformer time delay relay, mains limit switches two converters speed motor.*
98629. The Goodyear Tire & Rubber Company. Improvements in elastomeric reinforcement cord and method of making the same. Accepted on 25th November 1966.  
*The method comprises the steps of forming a reinforcement cord containing a plurality of adhesive-coated generally parallel glass filaments, heating the cord to soften the adhesive, and tensioning said cord while the adhesive is soft.*
98643. Charak Industries. Improvements in or relating to a container fitted with a closure. Accepted on 26th November 1966.  
*A container characterised in that the closure for it is made of thermoplastic with flat top and making a skirt to remain in contact with outer periphery of neck, lip will project from outer periphery.*
98663. Allied Chemical Corporation. Polymer compositions comprising a polyamide, and filaments and yarns made therefrom. Accepted on 24th November 1966.  
*Comprising 50—90 parts by weight of long chain polyamide with recurring amid linkages as continuous phase and 50—10 parts by weight of long chain polyester having recurring ester and cyclic structures.*
98678. L.G. Sapre. A carrier for water jug. Accepted on 29th November 1966.  
*Having a hinged support for the jug mounted on a base and having a clamp or clamps to clamp the jug to the support.*
98772. ACF Industries, Incorporated. Carburetor. Accepted on 29th November 1966.  
*A mixture conduit, a pivoted throttle valve a choke valve shaft, a choke valve a vacuum motor a mechanical connection between the vacuum motor and choke valve a temp. responsive spring a telescoping part a second spring resistant to expansion to the bias of the temperature responsive spring.*
98805. Textron Inc. Improvements in or relating to corona reducing armor rods. Accepted on 23rd November 1966.  
*Comprising a hard drawn resilient member, open helix provided an inner surface starting spaced from the end of the rod and which curve outwardly towards the outer diameter of the helix.*
98957. Continental Oil Company. Material handling. Accepted on 12th October 1966.  
*By wetting it with water, mixing it with carrier liquid and moving said slurry through pipeline.*
98977. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to blank or practice cartridges. Accepted on 29th November 1966.  
*Wherein the neck portion is of smaller diameter than the case portion.*
98990. Hicks and Otis Prints, Incorporated. Improvements in or relating to embossed sheet materials. Accepted on 30th November 1966.  
*A sheet of material having voids therein and having a surface embossed in a predetermined pattern wherein the depressed areas of said pattern comprise fused portions of said sheet, said fused portions having substantially no voids therein.*
99007. N.V. Philips Gloeilampenfabrieken. Improvements in or relating to core wires for electric arc welding. Accepted on 14th October 1966.  
*Wherein ratio by weight of titanium dioxide and silicon dioxide in mineral constituent of core is between 10 : 1 and 1 : 15, total weight of both being 3.5% of constituent.*
99069. The English Electric Company Limited. Method of making heat exchanger elements and heat exchanger elements made by such method. (24th April 1964). Accepted on 29th November 1966.  
*Comprising impregnating heat exchanger element with a corrosion resistant compound in a vacuum, the corrosion resistant compound being an epoxy resin, or polyurethane or rubber or a silicone compound.*
99082. Chemical Construction Corporation. Process and apparatus for production of ammonium carbonate solution. Accepted on 1st December 1966.  
*Reacting feed stream of ammonia with first stream of carbon dioxide in aq. ammonium carbonate solution withdrawing portion thereof as product ammonium carbonate and withdrawing another portion cooling scrubber with gas stream containing in absorbed ammonia and combining this liquid stream with aq. ammonium carbonate solution.*
99137. Imperial Chemical Industries Limited. Process for the manufacture of condensation products particularly polyamide condensates. (12th May 1964). Accepted on 25th October 1966.  
*Mixing a dicarboxylic acid, a diamniopolyalkyleneoxy compound and an aliphatic, cyclo aliphatic or alkyl cycloaliphatic amino acid and/or lactam and optionally an aliphatic cycloaliphatic or diamine and heating the mixture.*
99173. M&T Chemicals Inc. Electrodeposition of nickel. Accepted on 25th October 1966.  
*In a bath containing aliphatic bromine compound containing either the radical  $\text{—Br—CBr—}$  or the radical  $\text{—Br}_2\text{C—CBr}_2\text{—}$*
99375. General Refractories Company. Hinged Refractory brick hanger. Accepted on 5th November 1966.  
*Assembly comprising a clip with a hanger socket, a plate on a face of brick a hanger groove means and depression in the plate.*

99426. General Refractories Company. Improvements in or relating to basic refractory brick having an oxidisable metallic plate in combination and a method for the manufacture of same. Accepted on 10th November 1966.
- A brick-metallic plate combination comprising a brick with a hot face, a cold face and lateral face forming corners and an oxidizable metallic plate of angle formation and a polychloroprene base contact adhesive.*
99435. The British Petroleum Company Limited. Open gear lubricants. (16th June 1964). [Addition to No. 86650]. Accepted on 10th November 1966.
- Containing 0.5—5% creosote; 1.0—1.5% wool grease 1.0—7.5% microcrystalline petroleum wax and 0.5—10% wt. of inorganic solid lubricant.*
99438. Sterling Drug, Inc. Sewage treatment process. Accepted on 10th November 1966.
- Relating to a process for treating sewage sludge in a sewage plant employing a gas digester and a wet air oxidation system.*
99467. Shell Internationale Research Maatschappij N. V. A process for the preparation of methyl formate. Accepted on 14th November 1966.
- Reacting methanol with carbon monoxide using an alcoholate of an alkali metal having an atomic number of 19 to 55.*
99489. Shell Internationale Research Maatschappij N. V. Improvements in or relating to processes for preparing gas mixtures containing hydrogen and carbon monoxide and carbonaceous fuel obtained thereby. Accepted on 14th November 1966.
- The soot containing gas mixture formed is cooled and soot is removed therefrom as aqueous suspension being contacted with hydrocarbon oil to form solid aggregates with the soot, the aggregates being separated from water and past thereof being pulverized and mixed with hydrocarbon oil to form soot containing hydrocarbon oil constituting a carbonaceous or colloidal fuel.*
99490. Shell Internationale Research Maatschappij N. V. Process for preparing gas mixtures containing hydrogen and carbon monoxide. Accepted on 14th November 1966.
- Characterised in that a liquid hydrocarbon fuel is used which is admixed with a small amount of water at most 4% by weight of fuel intake, before being applied to the reactor.*
99533. A. Reyrolle & Company Limited. Improvements relating to the casting of high-voltage electrical insulation (15th May 1964). Accepted on 15th November 1966.
- Comprising positioning a laminated paper winding inside a mould gravity filling the mould, expelling from the mould excess liquid and then gravity filling with second liquid and winding the means in mould.*
99566. Hein, Lehmann & Co. AG. Improvements relating to centrifuges. Accepted on 18th November 1966.
- Comprising a perforated centrifuging and screening drum, two annular chambers, and an inner continuous casing.*
99568. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Butadiene telomers and process for preparing same. Accepted on 18th November 1966.
- Telomerising butadiene in the presence of at least one radical forming compound at a temperature of at least 100 °C. in one chain forming transferring solvent.*
99579. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of hydrogen fluoride. (2nd June 1964). Accepted on 18th November 1966.
- Comprises forming a mobile slurry of fluorspar with sulphuric acid and a proportion with respect to sulphuric acid of hydrogen fluoride and/or fluorosulphuric acid at temperature not greater than 25°C and subsequently submitting the slurry to thermal decomposition to liberate hydrogen fluoride.*
99610. Northern Natural Gas Company and W.S. Moore Co. Process for treating ferruginous ore. Accepted on 19th November 1966.
- By providing a stream of heated gas free of oxygen comprising one gas from CO and H<sub>2</sub> and other from CO<sub>2</sub>, H<sub>2</sub>O, introducing weight in reaction zone, introducing ore in the same, reducing non-magnetic compound to magnetite and separating one particles from gases.*
99615. The Goodyear Tire & Rubber Company. Process for preparing a synthetic rubber polymeric latex and latex foam rubber made therefrom. Accepted on 21st November 1966.
- By polymerising, a polymerisable conjugated diene monomer dispersed in an aqueous emulsion containing a micelle producing surfactant and free radical initiator at a polymerisation temperature of from about 40°F to about 85 °F.*
99635. J. Schwartz and F.C. Reyner. Intra-uterine contraceptive appliance. Accepted on 21st November 1966.
- Comprises a toroidal member composed of a resilient self-erecting ring encased by a silicone rubber covering and a flexible stem joined to it.*
99641. Potasse Et Engrais Chimiques. Improvements to the manufacture of complex fertilizers. Accepted on 21st November 1966.
- Ammoniating the reaction mixture until the pH value exceeds about 4.5, introducing in said reaction mixture a quantity of sulphuric acid to reduce pH below 3, but insufficient to reduce pH value below about 2, and then reammoniating reaction mixture upto pH value higher than 4.5.*
99644. Glaverbal. Process for homogenizing a molten glass current and furnace for putting this process into practice. Accepted on 21st November 1966.
- Characterised by promotion of homogeneity of the glass the upper stream of the melting furnace comprising injecting gas into the molten glass at a level as levels such that the injected gas rises only or substantially only through glass which is above the lower stream of the melting furnace.*
99651. Tokyo Shibaura Electric Company Limited. Automatic train programme control apparatus. Accepted on 22nd November 1966.
- Comprising means to generate pulses and means to generate, quantity which varies at constant rate means to combine outputs from both to detect advance or lag of train and control means responsive to output of same to selectively set the speed of train at higher or lower level.*
99663. Robert Bosch GMBH. Improvements in sparking plugs for internal combustion engines. Accepted on 22nd November 1966.
- Insulator comprising aluminium oxide and the surface layer of the insulator which will be exposed to the combustion gases being mixed with a substance which transforms this layer into a 'black radiator'.*
99664. Robert Bosch GMBH. Improvements in method of manufacturing sparking plugs. Accepted on 22nd November 1966.
- Characterised in that the powder mixture is a glass powder for the most part of uniform grain size containing as electrically conductive substance metallic iron and graphite.*
99666. The Dow Chemical Company. Method of preparing flame-retardant cellulosic material. Accepted on 22nd November 1966.
- Comprises treating cellulosic materials with a treating bath containing tris (1-aziridinyl) phosphine oxide and a thiourea compound and curing the impregnated material.*
99676. S. Ramachandran. An automatic device for operating an electrical switch. Accepted on 24th November 1966.
- Operating arm connected to the winding key for the alarm in a clockwork mechanism releases the catch of a spring loaded rod to operate the switch of an electrical appliance.*
99691. Societe De Constructions Electromecaniques Jeumont-Schneider. A safety installation for remote supervision and control. Accepted on 24th November 1966.
- Includes in combination a first discriminating arrangement to which a alternating voltage is applied which includes a transformer and a send circuit arrangement connected to a bifilar line.*
99703. S. Cousins. Separable fastener. Accepted on 25th November 1966.
- Comprising a male coupling member comprising a resilient tongue having a lip and a shoulder at a female member comprising a base plate a pair of longitudinal channels.*
99704. Stamicarbon N.V. Process for the preparation of urea. Accepted on 25th November 1966.
- Comprises the improvement that at least a part of the gas containing ammonia and carbon dioxide obtained at a pressure above 10 atmosphere is condensed by exchange of heat with the urea solution to be evaporated.*



99710. Pacific Coast Engineering Company. Jet pump assembly for hydraulic dredging operations. Accepted on 25th November 1966.

*Comprises an open end housing including an enlarged section, an outer connecting wall having peripherally spaced openings, and a jet nozzle assembly removably installed in said housing.*

99727. Pagani Angelo & Vezzoli Mario. Portable clearing device for fibre ends, broken threads and the like. Accepted on 26th November 1966.

*Comprises a portable support frame a manually actuated control member an overdrive gearing an interchangeable spindle flywheel for storing kinematic energy and a ratchet which device permitting revolution of the spindle during the acutation of the control member.*

99740. Sterling Drug, Inc. Sewage treatment process. Accepted on 26th November 1966.

*By heating the sludge under pressure for one hour at above 100°C.*

99742. N.V. Philips 'Gloeilampenfabrieken. Improvements in and relating to luminescent screens. Accepted on 23rd November 1966.

*Comprising a borate of at least one of the alkaline earth metals calcium, strontium or barium, activated with terbium and, if desired, gadolinium.*

99752. Sperry Rand Corporation. Pneumatic card reader. Accepted on 24th November 1966.

*Comprises at least read tube having opening disposed adjacent punched card and in align with row; a first means moving the card past opening and a second means connected to first means and to the read tube.*

99777. Sperry Rand Corporation. Keyboard encoder for producing fluid output signals. Accepted on 29th November 1966.

*Comprising a plurality of fluid operated logical or circuits having a plurality of inputs and an output, a manually actuated fluid switch.*

99806. General Electric Company. Motor control system. (9th December 1964). Accepted on 30th November 1966.

*A control system comprising a means connectable to such a.c. source for establishing a plurality of d.c. voltage blocks representing increments of d.c. voltage to be applied to power circuit of motor system, said blocking including phase control impedance means for regulating the output d.c. voltage magnitude.*

99818. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing allyl chloride and its monomethyl substitution products. Accepted on 30th November 1966.

*Passing oxygen and (a) a mixture of an olefin and hydrogen chloride or (b) monochloro paraffin or (c) a mixture of (a) and (b) over a catalyst containing at least one elementary noble metal of group VIII or palladium II oxide.*

99827. Mobil Oil Corporation. Lubricant composition. Accepted on 21st November 1966.

*Containing a vaporphase anticorrosion agent in admixture with a lubricant.*

99830. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing vinyl acetate. Accepted on 30th November 1966.

*By reacting acetic acid with ethylene and molecular oxygen in the gaseous phase in the presence of a solid catalyst containing a noble metal of group VIII of mandeleff periodic table.*

99855. Stamcarbon N.V. Process for preparing unsaturated copolymers. Accepted on 1st December 1966.

*A mixture of at least one alkene 1 and at least one hydrocarbon with more than one double bond is polymerised in the liquid phase with the aid of a co-ordination catalyst.*

99857. British Nylon Spinners Limited. Process for increasing the molecular weight of polyimides. (3rd June 1964). Accepted on 26th November 1966.

*The solid polyamide in particulate form is heated at a temperature about 150°C but below its melting point with super heated steam.*

99864. Zavody V. I. Lonina Plazen narodnopolnik. Bushing. Accepted on 25th November 1966.

*Comprising bolt of the bushing is fitted with a insulation consists of several layers wound up from textile tapes.*

99868. Rekha Chowdhuri. Improvements in or relating to novel device for securing fixtures on panel like structures. Accepted on 30th November 1966.

*Comprising two slabs each having a ring integral therewith a hole at the middle within the ring the said facing the panel structure of each slab being provided with four nails.*

99876. Aerpat A.G. Improvements in or relating to blind hole fasteners. (5th June 1964). Accepted on 2nd December 1966.

*Comprising an internally screw threaded nut portion formed integrally with a coaxial tubular body.*

99877. The Goodyear Tire & Rubber Company. Tire Cord and its manufacture. Accepted on 26th November 1966.

*Comprises subjecting the reinforced material in a temperature in excess at 440°F for a period of 35-70 seconds to stretch it by 2-10 per cent and thereafter subjecting the material in the second stage to a temperature 10° higher than the first stage under relaxed tension during 35-70 seconds to shrink it 30 to 50 per cent of the 1st stage and the reinforced material is cooled at room temperature.*

99887. A. K. Jain. Improvements in or relating to wick regulating devices for single wick stoves. Accepted on 22nd November 1966.

*The device having in combination (a) a wick holder with radially fitted pins (b) a housing for the wick holder with special slots engaging the pins (c) a pin moving plate (d) a guide plate on the pin moving plate (e) a handle to rotate the pin moving plate.*

99898. British Insulated Callendar's Construction Company Limited. Improvements in or relating to tensioning means for use in overhead conductors of electric traction systems. (27th April 1965). Accepted on 2nd December 1966.

*Comprising a vertically disposed support of tubular or of box girder form and balance weights which are suspended from a steel wire rope.*

99927. British Nylon Spinners Limited. Non-women fabrics and methods for making them. (9th June 1964). Accepted on 1st December 1966.

*Comprises a foundation layer, and a fibre tuft precursor layer with fibres oriented through foundation layer and projecting as fibre tufts.*

99934. The Gas Council. Production of combustible gases. (8th June 1964). Accepted on 29th November 1966.

*Comprises passing the hydrocarbon vapour with steam at 350°C into bed of nickel catalyst, passing the gaseous mixture through at least one pair of stages, first, an externally fired preheater and secondly a reforming stage, in which preheated gases are subjected to reforming catalyst at 350°C to bring about the conversion of methane.*

99943. Maschinenfabrik Benninger A.G. Apparatus for squeezing out liquids from web shaped textile materials. Accepted on 1st December 1966.

*Four rollers arranged with their axes substantially in parallelism with one another, two of said rollers being drivable and fixed by mounted means for mounting the other two of said rollers, a given two of said four rollers being disposed above both other rollers to provide two pairs of superimposed rollers.*

99988. Vereinigte Aluminium-Werke Aktiengesellschaft. Method of producing coloured oxide layers on aluminium or aluminium alloy parts. (19th March 1965). Accepted on 30th November 1966.

*Subjecting the aluminium or aluminium alloy part to anodisation in an electrolyte containing oxalic and maleic and sulphate ions.*

100012. B. K. Mehra. An apparatus for the grinding or polishing of spherical or flat surfaces. Accepted on 25th November 1966.

*Comprising driving mean, spindle a bowl mounted on said spindle tool grinder holder, mean for adjusting pressure on the surface washing means.*

100025. Sperry Rand Corporation. Power and control means for electrical appliances. Accepted on 25th November 1966.

*Includes a driving motor, a manual switch, a rechargeable battery, and mechanism to permit the appliance operating device to be selectively energised from either its self contained battery or alternately from an external source.*

100047. The British Petroleum Company Limited. Synthetic ester lubricants. (10th July 1964). [Addition to No. 73751]. Accepted on 29th November 1966.

*Containing (1) a base oil and (2) an aminophosphonate.*

100061. D. P. Gupta. An electric hair clipper cum massager. Accepted on 24th November 1966.  
*Top blade of a pair of blades moved to and fro by a leaf spring revetted at one end of an electromagnetic vibrator other end of latter is fixed to a U-shaped spring, the vibrator is influenced by a coil spring limiting amplitude of vibrations to move top blade with respect to bottom blade and a massaging attachment adapted in a hole in a screw holding coil spring to casing.*
100071. International Minerals & Chemical Corporation. Method for producing a potash pellet. Accepted on 29th November 1966.  
*Comprises establishing a particulate mixture consisting of water-soluble crystalline potash salts and extruding such crystalline solids through a restricted path and severing the extruded solids to provide a cylindrical pellet.*
100102. Stewart-Warner Corporation. Calibration device for electric tachometers. Accepted on 25th November 1966.  
*Comprising a reed, and mean for vibrating said reed in accordance with the operating rate of engine.*
100114. Santi Pado Banerjee. Improvements in or relating to prestressing jacks for concrete structures. Accepted on 25th November 1966.  
*Comprising a main stand adapted to fit in an anchor block a link block, mechanical means to move the link block away from the anchor block.*
100122. The Metal Box Company of India Limited. Improvements in or relating to pilferproof cap for a dispensing container. Accepted on 22nd November 1966.  
*A cap covering the neck of a dispensing container in which the cap and neck have readily severable outwardly extending thermoplastic lugs which are heat sealed together.*
100125. Leeson Corporation. Winding machine. Accepted on 26th November 1966.  
*Comprising a rotatable drive roll, an arm for supporting said package and drive means.*
100142. Girdler Corporation. Modular reformer furnace. Accepted on 25th November 1966.  
*Modular reformer comprising a base i.e. refractory hearth, metallic wall with refractory, holding means for wall, vertical corner panel member, wall and corner panel members being secured, vertically placed catalyst tubes penetrate through apertures in roof.*
100147. Associated Lead Manufacturers Limited. Improvements in coated lead compounds. (29th June 1964). Accepted on 26th November 1966.  
*Providing a powdered lead salt of an organic carboxylic acid with an even coating of a liquid plasticizer, process including the step of agitating an aqueous suspension of the powder with a liquid plasticizer.*
100186. Imperial Chemical Industries Limited. Crimped synthetic staple fibres. (13th July 1964). Accepted on 25th November 1966.  
*Comprises passing a tow twice across narrow heated surfaces to heat the tow on two opposing sides, cutting into short lengths and relaxing by shrinking.*
100190. Radio Corporation of America. Semiconductor device and method of making same. Accepted on 26th November 1966.  
*Having an insulating support member with a layer of high resistivity single crystal semiconductor material, two speed apart regions of low resistivity semi-conductor material of same conductivity as the layer, forming a source and drain in the layer, and an insulating gate electrode.*
100249. Miss Moolky Vidya Rao. Improvements in or relating to penholders-cum-inkpots. Accepted on 26th November 1966.  
*Including a vestibule for the pen, said vestibule communicating with an ink chamber of larger dimensions, the said ink chamber being provided with a screw-top having screwed movable plunger whose screw shaft passes centrally through it.*
100300. Joseph Lucas (Industries) Limited. Electric Starter motors. (8th July 1964). Accepted on 25th November 1966.  
*Comprising a pinion toothed wheel a part movable in direction parallel to the motor shaft resilient means.*
100324. The Metal Box Company of India Limited. A cutter for cutting articles mounted on a tubular mandrel. Accepted on 25th November 1966.  
*Comprising a cutting member operating means, pin held in contact with a wedge shaped recess in an actuating members.*
100332. Girling Limited. Improvements in disc brakes. (30th July 1964). Accepted on 25th November 1966.  
*At least one friction pad means having part-circular ends cooperating with complementary part-circular drag taking abutments on the caliper, the caliper having an opening of a circumferential length less than the circumferential dimension of the friction pad means but greater than its radial dimension.*
100336. Sperry Rand Corporation. Pneumatic Punch. Accepted on 25th November 1966.  
*Comprising die, a fluid chamber mean for selectively supply fluid under pressure shaping means.*
100345. Societe Des Accumulateurs fixes et de Traction. Improvements in or relating to a sealed electro-chemical cell of cylindrical shape. Accepted on 25th November 1966.  
*Comprising a cup shaped outer electrodes plastic casing, lower part of the plastic casing is squeezed between a seating cup, made of thin galvanized iron a metal L-sectioned ring.*
100351. Plastex Limited. Improvements in or relating to faller bars for textile-combing machines and other comb like members. Accepted on 29th November 1966.  
*Formed by moulding the faller bar or the like around the butt ends of a series of pins.*
100388. Larsen & Toubro Limited. Improvements in or relating to pressure rollers for pressing down soil. Accepted on 26th November 1966.  
*Having outwardly extending temple feet located symmetrically about the centre of gravity of the roller in groups.*
100419. Veb Elektrochemisches Kombinat Bitterfeld. Process and apparatus for continuous production of phosphorus-sulphur reaction products. Accepted on 1st December 1966.  
*Production of phosphorus sulphides by combining the two elements in the desired ratio in a vertical externally cooled reaction tube at a temperature at least equal to the boiling point of the reaction product.*
100637. Imperial Chemical Industries Limited. Electrical resistance measurement. (12th August 1964). Accepted on 25th November 1966.  
*Comprising direct current generator, a potentiometer resistor having an adjustable tapping a voltage amplifier a servo-mechanism and an indicator scale.*
100744. Linke-Hofmann-Busch Waggon-Fahrzeug-Maschinen G.m.b.H. Automatic central buffer coupling of the willison type for rail vehicles. Accepted on 25th November 1966.  
*Comprising in that a thumb is arranged on the strap which, when the strap is slewed presses back the pull claw.*
100801. Orissa Cement Limited and D. N. Sud. Improved drive unit for vibrating conveyor. Accepted on 26th November 1966.  
*Flexible rubber shaft being interposed between the driving electric motor and the rotatable steel shaft.*
100825. Siemens-Schuckertwerke Aktiengesellschaft. A semiconductor device. Accepted on 1st December 1966.  
*A p-n junction emerging at the surface of the mono-crystalline semi-conductor body, the surface of the body being covered in the region of the emergent edge of p-n junction by an oxygen-containing layer, and this layer being covered in said region by a layer of silicon lacquer containing analizerin addition.*
100855. Enaloc (Proprietary) Limited. An improved railway rail. Accepted on 25th November 1966.  
*Comprising a head with a radiused tread inner side of the rail head is or includes in cross-section a convex parabolic curve.*
100856. Enaloc (Proprietary) Limited. A novel rail for permanent ways. Accepted on 25th November 1966.  
*Comprising a head presenting an upwardly directed face, head zone, wheel head, second flange a concave surface.*



101334. M. Allabaksh and S. T. Rao. Improvements in or relating to screw press worms and collars. Accepted on 1st December 1966.

*One end of the worm and collar having at least one projection or recess adapted to make a snug fit with a corresponding recess or projection on one end of another worm or collar.*

101503. International Anemostat Holding Company. Air distributor with central air suction. Accepted on 29th November 1966.

*A funnel shaped guide screen is arranged between the inner and outer wall of the air duct in such a way that it can be lifted and lowered.*

101628. Council of Scientific and Industrial Research. Detinning of tin scraps in inhibitor impregnated acid medium. Accepted on 25th November 1966.

*Detinning tin scrap for its recovery wherein tin scraps are treated with concentrated solution of mineral acid containing an inhibitor.*

101634. Institut Français Du Pétrole, Des Carburants Et Lubrifiants and Compagnie Générale De Géophysique. Vibrator transporting and handling device. Accepted on 29th November 1966.

*Comprises a frame supported on road wheels, and a double acting pneumatic ram formed by a piston element slidable within a cylinder element one of said elements being mechanically connected to the frame and the other to the pulsating plate of the vibrator.*

101667. Aktiebolaget Vibro-Verken. Device for sealing bearings in vibrating spades. Accepted on 30th November 1966.

*Sealing surface and a sealing device in contact with it, the sealing surface being so designed that the part of it interacting with the sealing device is always at the same distance from the centre of the self-aligning bearing during the conical pendulous motion of the rotating shaft.*

101705. Farbenfabriken Bayer Aktiengesellschaft. Readily dispersible inorganic pigments. (2nd July 1965). Accepted on 26th November 1966.

*The surface of the pigment carries a non-ionic surface active reaction product of a polyol and an alkylene oxide.*

102617. Taylor And Challen Limited. Adjustable-throw eccentrics. (3rd December 1964). Accepted on 29th November 1966.

*The key being in the form of a shaft carrying a pinion which cooperates with a toothed wheel which is mounted for limited angular movement to rotate the pinion.*

102729. Electric & Musical Industries Limited. Improvements relating machines for inserting articles into bags or the like. (9th December 1964). Accepted on 26th November 1966.

*Comprising means for transferring bags and records from a supply position to a release position means for opening the mouth of the bag and the release position in such that said record when released drops by gravity into said open bag.*

102736. Dow Corning Corporation. Treatment of fibrous materials. Accepted on 21st November 1966.

*Treatment of fibrous materials, comprising applying to the fibrous material a colloidal suspension of silsesquioxane having unit formula,  $RSiO_{3/2}$ , where R is methyl, ethyl etc.*

102836. Standard Telephones and Cables Limited. Electro-mechanical transducer. (23rd December 1964). Accepted on 25th November 1966.

*Applied mechanical force is translated into an electrical output from a semi-conductor device without mechanical force being applied to the semi-conductor device.*

102899. Aktiebolaget Karlstads Mekaniska Werkstad. Hole plate for one-sided inlet headboxes for paper machines. Accepted on 25th November 1966.

*Having uniformly distributed holes and a recess adjacent each of said holes.*

103108. The Sandall Precision Company Limited. Improvements relating to fluid control valves. Accepted on 30th November 1966.

*Valve chamber having opposed ports adapted for connection to fluid conduits, valve body in said valve chamber and adapted for rotation between valve-open and valve-closed positions a closure member carried by said valve body, drive means for rotating the valve body and cam means responsive to relative rotation between the drive means and the valve body.*

103194. Behringwerke Aktiengesellschaft. Device for intra-dermal application. Accepted on 2nd December 1966.

*Consisting of a plastic body formed in one piece and driving as a handle provided at its base with spikes.*

103227. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to cathodes for use in electric discharge tubes. Accepted on 29th November 1966.

*Comprising the emissive barium strontium oxide layer of the cathode containing 2 to 4% by weight of tetarium hydride.*

103235. Vickers Limited. Improvements in or relating to internal combustion engines. (1st January 1965). Accepted on 1st December 1966.

*In which pistons drive a plurality of crankshafts, and a plurality of energy conversion devices each crankshaft being connected to drive at least one of said devices.*

#### Opposition Proceeding

An opposition has been entered by Nichibo Kabushiki Kaisha to the grant of a patent on application No. 96251 made by Kurashiki Rayon Company Limited.

#### Patent Sealed

91052, 92767, 93062, 93252, 93355, 93457, 94437, 94448, 94500, 94597, 94602, 94634, 94729, 94744, 94801, 94805, 94822, 94823, 94824, 94827, 94839, 94840, 94841, 94869, 94871, 94876, 94887, 94895, 94906, 94915, 94956, 94969, 94982, 95006, 95018, 95039, 95048, 95072, 95135, 95216, 95245, 95282, 95498, 95550, 95674, 95983, 96365, 96366, 96384, 96404, 96496, 96642, 96734.

#### Amendment Proceeding

The application for amendment of the specification in respect of Patent No. 80856 filed on the 27th February 1965 has been treated as withdrawn.

#### Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

50250 } Mrs. Elvira Ritzerfeld.  
57613 }  
57393 }  
57433 } M/s. Westinghouse Air Brake Company.  
69645 }  
74874 } M/s. Alben Affiliates.  
83863 }  
82833—Lamar Embry.  
82833—M/s. Beloit Corporation.  
88482 } M/s. Dorr—Oliver Incorporated.  
88483 }  
90015—Charles Howard Burnberg.

#### Renewal Fees Paid

47521, 48392, 48528, 48561, 48649, 48716, 48718, 48761, 48806, 49043, 49983, 50724, 50737, 50886, 50906, 50913, 50932, 50997, 50998, 51607, 52604, 53242, 53243, 53244, 53301, 53347, 53351, 53489, 53566, 53729, 54218, 55811, 55954, 55967, 55975, 56069, 56189, 56313, 56414, 56423, 56640, 56748, 58907, 59024, 59026, 59060, 59152, 59222, 59307, 59435, 59472, 59657, 59746, 59972, 60482, 60876, 62215, 62451, 62460, 62485, 62499, 62506, 62513, 62537, 62539, 62592, 62775, 62875, 62899, 64093, 65513, 65982, 66000, 66001, 66175, 66195, 66196, 66232, 66457, 66536, 66560, 66567, 67489, 67857, 68355, 68897, 69028, 69209, 69931, 69951, 69986, 70000, 70062, 70118, 70139, 70159, 70203, 70262, 70263, 70279, 70349, 70551, 70655, 70839, 71658, 72343, 73616, 73698, 74073, 74128, 74229, 74281, 74325, 74342, 74400, 74411, 74436, 74497, 74512, 74548, 74550, 74568, 74582, 74622, 74623, 74639, 74657, 74692, 74788, 74896, 74962, 75048, 75053, 75066, 75094, 75362, 75505, 75590, 75591, 75684, 76125, 76317, 79101, 79416, 79474, 79475, 79476, 79597, 79598, 79624, 79629, 79644, 79652, 79735, 79764, 79783, 79802, 79830, 79832, 79833, 79841, 79852, 79882, 79886, 79914, 79987, 79989, 80000, 80023, 80041, 80091, 80214, 80338, 80386, 80394, 80463, 80458, 80499, 80861, 80938, 80990, 81015, 81059, 81105, 81241, 81329, 81354, 81463, 82220, 85376, 85406, 85407, 85417, 85425, 85447, 85461, 85473, 85505, 85510, 85512, 85523, 85524, 85529, 85548, 85622, 85637, 85664, 85669.

85682. 85719. 85724. 85725. 85726. 85747. 85781. 85784.  
85790. 85797. 85820. 85831. 85844. 85870. 85892. 85920.  
85971. 85993. 86002. 86076. 86101. 86105. 86168. 86265.  
86293. 86344. 86385. 86408. 86442. 86474. 86563. 86580.  
86649. 86681. 86773. 86844. 86932. 87065. 87166. 87207.  
87222. 87247. 87533. 88206. 88953. 90843. 91065. 91180.  
91192. 91193. 91201. 91282. 91283. 91330. 91390.

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 80224—Siemens & Halske Aktiengesellschaft.

The Patent ceased on the 12th January 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, section 2 of the Gazette of India, dated the 14th May 1966. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 28th January 1967.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years, from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 127847 and 127848. Mehra Leonardt Pens Private Limited, a Company incorporated under the Indian Companies Act and having its Registered Office at Asha Usha Silk Mills Compound, Agra Road, Vikhroli, Bombay-79, Maharashtra, 'Clips'. February 16, 1966.
- Class 1. No. 127978. M. Ramaiah & Sons, Krishna Buildings, Avenue Road, Bangalore-2, (Mysore State) Indian Partnership firm: 'Wet chatni grinding machine'. March 18, 1966.
- Class 1. Nos. 128164 to 128166. Ugaggar Singh, an Indian National, carrying on business in the name and style of M/s. Loyal Safe Works, at 29/6, New Rohtak Road, Anand Parbat, Delhi. 'Steel doors'. April 7, 1966.
- Class 1. No. 128232. Daimler-Benz Aktiengesellschaft, of Stuttgart-Unterturkheim, Federal Republic of Germany, a Company organised under the laws of the Federal Republic of Germany. 'A driver's cab for a motor vehicles'. March 2, 1966 (United Kingdom).
- Class 1. No. 128259. Rocklite Fibre Glass Industries, Indian Partnership Firm, C/8, Wagale Industrial Estate, Thana, Maharashtra, 'Kitchen sink with drain board'. April 30, 1966.
- Class 1. Nos. 128395 to 397. Elegant Industries Private Limited (A company registered under the Indian Companies Act), also trading as Sunshine Industries, Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra). 'Necklace'. May 12, 1966.
- Class 1. Nos. 128571 to 128573. Amson Industries, An Indian Partnership Firm at 211-213, Kalbadevi Road, Bombay-2, Maharashtra, India. 'Constructional element in the form of slotted angel'. May 30, 1966.
- Class 1. Nos. 128595 and 128596. Super Cycle & Allied Industries, (a partnership firm duly registered under the Indian Partnership Act, 1932) of New Super House, Gill Road, Ludhiana (Punjab). 'Bicycles chain wheel'. June 1, 1966.
- Class 3. Nos. 128400 to 128405. Parsram Tikamdas Mansey, an Indian National, 912, Syngogue Street, Poona-1, (Maharashtra). 'Cup with straining lid'. May 12, 1966.
- Class 3. Nos. 127961 and 127962. Jaggy & Company, of 12 Rampart Row, Fort, Bombay-1, Maharashtra State, India, an Indian Company, 'A comb'. March 16 1966.
- Class 3. No. 128231. International Business Machines Corporation, a corporation organized and existing under the laws of the State of New York, United States of America, having a place of business at Armonk, New York 10504, United States of America. 'Ink ribbon cartridge'. April 27, 1966.
- Class 3. No. 128237. Hiralal Bhanji Khimji, trading as Messrs Khimji Son, an Indian Proprietary concern, of Nooruddin Chambers, 5th Floor, 87B, Broach Street, Bombay-9, State of Maharashtra, India, an Indian National. 'A muff of a pinch valve'. April 28, 1966.
- Class 3. No. 128255. Mahendra Manubhai Patel, an Indian citizen, Khotwadi Woollen Mill Lane, Bombay-28, Maharashtra, India. 'A strainer'. April 30, 1966.
- Class 3. No. 128258. Rocklite Fibre Glass Industries, Indian Partnership firm, C/8 Wagale Industrial Estate, Thana, Maharashtra, 'Wash Basin'. April 30, 1966.
- Class 3. No. 128260. Rocklite Fibre Glass Industries, Indian Partnership Firm, C/8, Wagale Industrial Estate, Thana, Maharashtra, April 30, 1966. 'Kitchen sink with drain board'. April 30, 1966.
- Class 3. Nos. 128261 and 128262. New Art Industries, Indian partnership firm, Swami Vivekanand Road, Malad, Bombay-64 (NB), Maharashtra. 'Photo-frames'. April 30, 1966.
- Class 3. No. 128398. Parsram Tikamdas Mansey, an Indian National, 912, Syngogue Street, Poona-1, (Maharashtra), 'Launder peg'. May 12, 1966.
- Class 3. Nos. 128400 and 128405. Parsram Tikamdas Mansey, an Indian National, 912, Syngogue Street, Poona-1, (Maharashtra), 'Cup with straining lid'. May 12, 1966.
- Class 3. No. 128522. Amina Bai Amiruddin Nazer Alli, Sole Proprietress, Amu Industries, 9, Zakaria Street, Calcutta-1, State of West Bengal, India, an Indian. 'A container'. May 18, 1966.
- Class 4. No. 128399. Parsram Tikamdas Mansey, an Indian National, 912, Syngogue Street, Poona-1, (Maharashtra), 'Feeding bottle'. May 12, 1966.
- Class 13. Nos. 127818, 127820, 127821 and 127824 to 127842. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, 'Textile goods'. February 15, 1966.
- Class 13. Nos. 127896 to 127901. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, 'Textile goods'. March 2, 1966.
- Class 13. Nos. 128174 to 128177. The Khatau Makanji Spg. & Wvg. Co. Ltd. Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company. 'Textile piecegoods'. April 12, 1966.
- Class 13. Nos. 128178 to 128180. Sovrin Knit Works, Fatehgarh Road, Amritsar (Punjab), a registered firm of Indian Nationality. 'Textile goods'. April 12, 1966.
- Class 13. Nos. 128183 to 128186. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Nationality-Indian, 'Textile goods'. April 14, 1966.
- Class 13. Nos. 128224 to 128228. The Phoenix Mills Limited, an Indian Company whose address is, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State. 'Textile goods'. April 25, 1966.
- Class 13. No. 128236. The Phoenix Mills Limited, an Indian Company whose address is, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State. 'Textile goods'. April 28, 1966.
- Class 13. No. 128921. The Shree Niwas Cotton Mills Ltd. an Indian Firm situated at Delisle Road, Bombay-13, 'Cotton piecegoods'. July 6, 1966.
- Class 14. No. 126493. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Gujarat State, 'Textile goods'. August 6, 1965.

#### Copyright extended for second period of Five Years

111062	.	.	.	.	Class 1
111976	.	.	.	.	Class 1
113053	.	.	.	.	Class 4

#### Registration of Assignments, Licences, etc.

##### (Design)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration:—

111932—M/s. Yardley of London Limited.

A. JOGARAO  
Controller General of Patents,  
Designs and Trade Marks.